

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-179539

(43)Date of publication of application : 05.08.1991

(51)Int.Cl.

G06F 12/00

(21)Application number : 01-317783

(71)Applicant : HITACHI LTD

(22)Date of filing : 08.12.1989

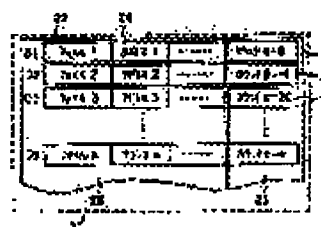
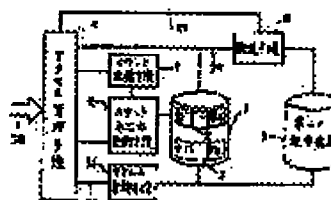
(72)Inventor : KATO YASUHIRO  
MATSUMOTO MASAOKI  
TSUNODA HITOSHI  
KAMO YOSHIHISA

## (54) METHOD AND DEVICE FOR STORAGE OF FILE

## (57)Abstract:

**PURPOSE:** To effectively use a storage space with use of a storage having a high input/output speed by transferring a file to a 1st storage part from a 2nd storage part when the value of the using frequency information registered in the file is less than a transfer standard.

**CONSTITUTION:** An access control means 4 refers to the information on a file control block 2 to read the information out of an information storing part 25 and also to read the count values 21 registered in a count storing part 23 via a count input updating means 6 based on the file read/write requests. A comparison means 7 compares the value 21 with a transfer standard. If the value 21 is larger than the transfer standard, a desired file is read out and written into a 1st storage 1 as usual. Meanwhile a transfer instruction 10 is produced when the value 21 is smaller than the transfer standard. Then the desired file is transferred to the storage 1 from a 2nd storage 9 via a transfer means 8. At the same time, the file is read out and written.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision]